

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, Chief

CLIMATOLOGICAL DATA

FLORIDA SECTION

Alexander J. Mitchell, Meteorologist

VOL. XXXIII. JACKSONVILLE, Fla., SEPTEMBER, 1929. No. 9

GENERAL SUMMARY

The striking features of the weather during September, 1929, were the frequent rains, and the tropical disturbance which passed over the Straits on the 28th, thence to the coast between Apalachicola and Pensacola during the afternoon of the 30th, recurring to the northeastward with accelerated movement. There is a marked similarity in the rainfall features of September, 1928 and 1929, which were the wettest consecutive record since 1891. The average rainfall, 10.98 inches of the present month, has been exceeded by two Septembers since the Climatological Service was inaugurated in 1891, the excesses being due to the visitation, or the near approach, of tropical storms. Beginning as early as the 25th, the tropical storm controlled the weather over the Section about one week, owing to its slow rate of progression, and the fact that the recurve was far to the northward of the latitude where such changes usually take place. The rainfall was heaviest over the central division during the first half of the month; it was more uniform over the Section during the last week -heaviest in the west on the 30th, where 24-hour totals were as much as 6 to 8 inches. As indicated elsewhere, the lowest barometer reading during the storm from regular stations was 29.06 inches at Apalachicola, although reports from the "keys" indicate a reading as low as 28.18 inches; and, as the storm center passed over the district so reporting, the correctness of the reading is improbable.

district so reporting, the correctness of the reading is not improbable.

Although winds of hurricane velocities occurred near the storm center, and gales over districts more remote, as indicated by the warnings of the Weather Bureau, the only fatalities ashore, and ascribed to the storm, were those of a negro woman and child, - the former killed at Marathon, Key Vacca, when her shack was razed; and the child, near Wewahitchka, from a falling tree, and one drowned at Panama City. The loss of life afloat is as yet indetermined, hope and fear alternating as to the fate of some fishing boats in the Gulf.

The damage to property was heavy on the Keys where only slight precautions could be taken. It was considerable at Apalachicola, chiefly, to marine interests, and approximated \$66,000. Sundry damage at Pensacola was \$80,000. The greatest damage reported from any district occurred in Collier County, as follows: fruit and truck, \$40,000; highways, \$45,000; telephone and telegraph, \$6,000; small boats and equipment, \$3,000; loss of timber, \$150,000; building, power plants, and shops, \$46,000. It is stated that the timber to highways in the State will approximate \$300,000. The trackage of the F. E. C. railway on the keys was damaged as the result of high water; the cement structures were not harmed. A tornado occurred at Ft. Lauderdale at 4:40 p. m. September 28th, doing damage of \$100,000.

The State Citrus Exchange advises that the loss to the citrus crop will not exceed 2 per cent. The loss of both truck and fruit, however, was practically complete over districts within the immediate influence of the storm center. The loss of fruit at Homestead, to the south of Miami, was 189,000 boxes; some fruit trees were uprooted. All recently planted truck and seed beds were destroyed; cane was prostrated, and strawberries were damaged or destroyed in many instances. The loss of timber was serious over restricted areas.

TEMPERATURE

The monthly mean temperature from the records of 84 stations was 79.2° , or 0.2° below normal. The highest monthly mean was 82.4° at Key West and Long Key, and the lowest was 74.7° at Mt. Pleasant. The highest temperature was 97° at Bonifay on the 8th, Brooksville on the 15th, and Orlando on the 18th and 15th, and the lowest was 49° at Mt. Pleasant on the 21st. The greatest daily range was 29° .

PRECIPITATION

The average precipitation for the month, 86 stations reporting, was 10.98 inches, or 4.21 inches above the normal. The greatest monthly amount was 25.15 inches at Fellsmere. The greatest amount in 24 consecutive hours was 10.58 inches at Miami on the 28-29th. The average number of rainy days was 18.

DATES OF MISCELLANEOUS PHENOMENA

FOG, DENSE:—Apalachicola, 4th, 26th; Davenport, 19th, 23d, 24th, 26th; Panama City, 26th, 27th; Quincy, 4th, 18th; Starke, 5th, 9th, 10th, 21st; Vernon, 27th. **HALOS LUNAR:**—Apalachicola, 21st; Arcadia, 14th; Miami, 15th, 18th; Panama City, 14th; St. Augustine, 11th. **HALOS SOLAR:**—Apalachicola, 3d, 16th, 20th, 21st; Jacksonville, 17th, 29th; Key West, 1st, 3d, 21st; Miami, 2d; Panama City, 4th, 5th, 20th, 21st, 29th; St. Augustine, 13th, 15th; Tampa, 28th. **THUNDERSTORMS:**—Some portion of the state on every day during the month. **KILLED BY LIGHTNING:**—J. W. Williams 9th, near Port Tampa; J. Parsons injured.

• Maximum Rainfall at Regular Stations															
Stations	5 min.	10 min.	15 min.	30 min.	1 hour	2 hours	24 hours								
	Amount	Date	Amount	Date	Amount	Date	Amount	Date	Amount	Date	Amount	Date			
Apala-	0.56	1926	0.88	1926	0.93	1924	1.17	1924	1.75	1924	2.47	1924	10.12	1906	27.73
chicola-	0.21	30	0.32	80	0.42	30	0.59	30	1.00	30	1.63	30	4.85	29-30	8.56
Jackson-	0.62	1891	1.18	1891	1.54	1891	1.32	1889	3.12	1889	3.14	1907	9.86	1894	21.79
ville	0.36	8	0.58	8	0.68	8	0.87	8	1.02	19	1.28	13	1.91	26	8.58
Key	0.49	1918	0.90	1918	1.06	1918	1.71	1920	2.12	1920	2.24	1920	11.95	1919	17.29
West	0.37	29	0.48	29	0.78	29	0.84	29	0.85	29	0.86	+	2.87	28-29	5.57
Miami	0.62	1924	0.98	1924	1.32	1924	1.86	1914	2.77	1928	4.34	1928	8.61	1928	20.35
Pensa-	0.27	22	0.46	22	0.62	22	1.19	22	1.92	22	2.15	22	10.55	25-29	16.82
cola	0.57	1920	0.99	1920	1.36	1920	2.25	1906	3.73	1906	7.06	1906	15.56	1926	19.73
Tampa.	0.34	3	0.49	3	0.68	3	0.83	3	1.17	3	2.08	3	4.84	2-3	8.95
	1.05	1924	1.66	1924	2.08	1924	2.44	1924	2.76	1924	3.22	1907	6.56	1897	18.93
	0.33	8	0.68	8	0.92	8	1.29	8	1.60	8	1.97	6	3.19	6-7	13.29

- * First amount greatest previous; second, current month. † 28-29

PRESSURE, WIND, HUMIDITY, AND SUNSHINE DATA

Stations	Atmospheric pressure (Reduced to sea level)				Wind (3-cup anemometer)				Mean relative humidity			Percentages of sunshine	
	Mean	Highest	Date	Lowest	Date	Average hourly ve- locity	Maximum velocity	Direction	Date	8 a. m.	Noon	8 p. m.	
Apalachicola	29.93	30.17	1	29.06	30	10.0	56	se.	30	87	74	80	44
Jacksonville	29.98	30.17	1	29.67	21	9.5	37	se.	30	87	72	84	50
Key West	29.88	30.01	4	29.21	28	9.7	66	w.	29	79	70	78	56
Miami	29.92	30.08	3	29.41	28	9.9	56	e.	28	81	70	80	52
Pensacola	29.95	30.13	1	29.19	30	12.3	70	ne	30	88	79	80	6
Tampa	29.93	30.08	1	29.53	29	6.0	33	e.	29	89	66	85	39

COMPARATIVE DATA FOR SEPTEMBER

Climatological Data for September 1929

Stations	Counties	Elevation, feet	Length of record, years	Temperature in degrees Fahrenheit					Precipitation in inches			Number of days			Observers				
				Mean	Departure from the normal	Highest	Date	Lowest	Date	Greatest daily range	Total	Departure from the normal	Greatest in 24 hours	Snowfall un-melted	With 0 or more precipitation	Clear	Partly cloudy	Cloudy	Precipitation direction of wind
<i>Northern Division</i>																			
Carrabelle	Franklin	10	31	77.2	-1.5	90	17†	58	21	23	10.15	+3.08	2.94	0	11	6	17	7	se.
Cedar Keys	Levy	20	40	78.5	-1.4	93	11	62	22	21	4.76	-0.97	1.10	0	13	6	9	15	e.
Crescent City	Putnam	45	39	78.4	-0.9	90	14	63	21†	17	4.39	-1.87	0.80	0	17	6	9	15	e.
Federal Point	do	10	37	79.6	+0.7	92	13†	66	22†	21	8.25	+1.29	1.89	0	20	8	10	12	e.
Fernandina	Nassau	15	36	78.0	-0.3	92	14	61	22	19	10.15	+2.93	3.50	0	12	14	4	12	ne.
Gainesville	Alachua	176	33	78.4	-0.3	92	12†	62	21†	22	8.86	+3.21	1.80	0	23	2	17	11	e.
Glen St. Mary	Baker	138	32	77.0	-1.5	93	15	58	20†	26	10.00	+5.17	2.26	0	22	4	10	16	ne.
Hastings	St. Johns	10	4	78.4 ^a	.....	94	14	65	23	23	8.75	.....	1.90	0	20	0	18	12	e.
Hilliard	Nassau	69	20	77.0	-1.0	93	15	56	21	25	8.22	+2.90	3.50	0	15	0	23	7	e.
Jacksonville	Duval	222	38	77.2	-1.1	90	13	61	20	17	9.58	+1.23	1.91	0	20	1	13	16	e.
Jacksonville (2)	do	15	12	78.0	.....	93	10	61	20	29	6.21	.....	1.30	0	17	0	10	20	.....
Lake City	Columbia	210	45	78.0	-0.4	92	16	58	20	22	7.59	+2.31	1.19	0	21	0	10	20	.....
Madison	Madison	143	30	77.5 ^b	-1.5	93	11	57	20	22	4.77	-0.74	1.08	0	18	5	7	18	.....
Monticello	Jefferson	207	25	77.0	-1.4	90	7†	56	21	22	8.82	+3.88	1.82	0	18	3	9	18	ne.
Mount Pleasant	Gadsden	306	22	74.7	-2.7	90	6†	49	21	27	8.61	+2.99	1.85	0	12	9	12	9	se.
Palatka	Putnam	24	4	79.4	.....	93	14	66	22†	23	8.50	.....	1.67	0	20	11	10	9	.....
Penney Farms	Clay	95	1	77.8	.....	91	13†	61	20	23	8.58	.....	3.70	0	16	2	22	6	e.
Perry	Taylor	75	.....	77.9	.....	93	10	61	20	29	6.21	.....	1.30	0	17	0	10	20	.....
Quincy	Gadsden	256	14	76.4	-1.3	91	8†	55	21	23	6.16	+1.88	2.33	0	17	10	7	13	s.
Railord	Union	133	33	78.5	+0.4	94	12	60	21	24	9.03	+4.21	2.00	0	14	6	5	19	.....
St. Augustine	St. Johns	10	77	78.5	-0.1	91	13	64	22	20	8.93	+2.39	2.08	0	25	4	15	11	se.
Starke (near)	Clay	240	3	77.8	.....	92	7	60	21	22	7.40	.....	2.15	0	20	4	13	13	se.
Tallahassee	Leon	192	43	76.4	-0.7	92	14†	55	20	24	6.03	+0.87	1.30	0	15	11	4	15	s.
<i>Central Division</i>																			
Bartow	Polk	115	42	80.2	+0.4	94	14†	69	9	21	12.73	+5.00	2.33	0	25	10	10	10	.....
Brooksville	Hernando	131	87	80.8	+1.4	97	15	67	23	25	6.07	-0.68	1.95	0	15	0	13	17	e.
Clermont	Lake	105	36	80.6	-0.3	95	15	69	9†	24	11.69	+5.48	1.91	0	25	7	5	w.	
Davenport	Polk	157	6	80.0	.....	94	14	66	9	21	9.61	.....	3.57	0	21	6	15	9	se.
Daytona Beach	Volusia	10	6	80.4	.....	92	14	71	7†	17	6.61	.....	1.25	0	13	14	7	9	se.
De Land	do	27	34	79.8	+0.7	93	4†	69	7	23	9.13	+3.55	2.36	0	26	10	9	11	se.
Eustis	Lake	66	38	80.0	0.0	96	17	68	21†	25	7.37	+1.45	1.04	0	25	3	16	11	se.
Fellsmere	Indian River	25	17	80.1	+0.7	92	4†	69	21	25	15.15	+17.71	10.51	0	18	4	21	5	se.
Fort Pierce	St. Lucie	21	28	81.7	+1.4	91	15†	71	23	16	6.97	-0.03	2.28	0	19	1	14	15	se.
Inverness	Citrus	43	28	80.2	+1.0	94	14†	67	23	23	7.40	+1.76	1.60	0	19	4	17	9	e.
Isleworth††	Orange	111	13	79.3	-1.0	91	15	67	20	24	9.61	+3.70	2.50	0	18	0	18	0	.....
Kissimmee	Osceola	65	36	79.3	-1.0	91	15	70	9†	19	4.63	-1.76	0.91	0	15	18	9	3	se.
Lake Alfred	Polk	180	4	80.1	.....	93	14	69	8†	21	12.37	.....	1.73	0	21	19	3	22	se.
Lake Island	Polk	211	14	80.2	.....	92	4†	69	22	20	15.52	+9.52	1.90	0	23	0	23	5	se.
Lake Wales	do	81.0	.....	80.2	.....	95	14	69	7†	20	10.26	.....	1.85	0	20	0	20	10	se.
Mammoth Grove	Polk	153	7	80.2	-1.4	91	13	67	20†	22	19.85	+8.44	6.29	0	20	13	7	10	se.
Merritts Park	Brevard	20	46	78.6	-1.4	91	13	67	21	25	15.87	+8.44	3.30	0	20	0	8	22	e.
New Smyrna	Volusia	14	45	79.6	+0.9	92	6†	69	9	23	3.94	-3.30	0.83	0	9	0	8	22	se.
Ocala	Marion	98	38	78.2	-0.4	95	12†	61	23	27	10.70	+4.18	2.18	0	19	9	7	14	se.
Okeechobee	Okeechobee	27	10	81.2	.....	93	14	70	2†	21	16.86	.....	4.25	0	14	17	1	12	e.
Orlando	Orange	111	37	80.8	+0.9	97	13†	68	20	26	11.52	+4.51	3.03	0	21	1	15	8	e.
Pinellas Park	Pinellas	20	17	78.8	-1.3	91	10	67	3†	21	14.48	+6.37	2.79	0	19	4	19	7	ne.
Plant City	Hillsborough	121	32	79.4	-0.1	92	14†	67	9	22	12.49	+5.85	2.55	0	18	0	9	21	se.
St. Cloud	Osceola	85	15	80.4	+0.3	92	14†	71	4†	18	8.37	+3.16	1.25	0	18	5	6	19	se.
St. Leo	Pasco	140	34	78.8	-0.6	92	25	66	1†	21	10.78	+4.33	2.48	0	20	1	19	10	e.
St. Petersburg	Pinellas	70	17	81.0	-0.1	93	15†	70	3†	21	14.40	+7.87	2.74	0	23	3	15	12	se.
Sanford	Seminole	25	20	81.1 ^a	+1.7	95	13	72 ^b	2†	21	13.07	+7.92	2.18	0	21	0	19	11	e.
Tampa	Hillsborough	103	39	80.5	+0.6	93	15	70	21	29	13.29	+6.87	3.19	0	22	1	9	20	ne.
Tarpon Springs	Pinellas	20	44	80.8	+0.9	95	15	69	4†	23	7.56	+0.80	1.92	0	18	5	12	13	s.
Titusville	Brevard	16	34	79.7	+0.1	90	4	68	20	19	16.03	+8.27	6.25	0	22	8	13	9	se.
<i>Southern Division</i>																			
Arcadia	De Soto	61	27	80.1	-0.6	92	13	69	9	22	14.81	+8.71	2.21	0	25	3	10	17	e.
Avon Park	Highlands	150	91	80.6	+0.6	93	14†	70	4†	21	11.59	+5.73	3.25	0	22	11	9	10	ne.
Belle Glade	Palm Beach	7	4	79.0	.....	91	12†	68	21	22	15.93	.....	4.10	0	19	0	12	17	se.
Bradenton	Manatee	22	45	79.4	-0.6	91	15	69	9	20	16.92	+9.75	2.76	0	21	2	11	17	se.
Chapman Field	Dade	14	6	80.6	.....	92	24†	70	2†	19	17.82	.....	10.04	0	21	18	7	5	se.
Everglades	do	16	2	80.2 ^a	.....	92	25	70	6†	20 ^b	16.24	+8.27	6.10	0	19	3	22	24	se.
Fort Lauderdale	Collier	75	3	81.9 ^a	.....	92	9†	71	22†	20	17.06	.....	3.39	0	12	0	6	24	ne.
Homestead	Broward	11	2	81.0	0.0	92	24	69	21	19	12.60	+4.92	5.20	0	21	4	10	16	se.
Hypoluxo	Lee	72	56	80.8	+0.8	93	18	71	6	21	15.44	+7.55	4.54	0	22	0	5	25	e.
Indiantown	Palm Beach	12	34	81.0 ^a	+0.4	91	14	69	21	18	8.36	+0.14	0	0	20	11	14	5	se.
Key West	Monroe	40	14	80.4	.....	94	15	68	2†	23	15.20	.....	2.30	0	21	9	9	12	se.
La Belle	Monroe	16	58	82.4	+0.2	90	19	71	8	15	5.57	-1.13	2.87	0	15	5	16	9	se.
Long Key	Monroe	9	13	82.4	-0.3	93	20	72	8†	17	10.12	+1.82	3.84	0	15	10	12	8	e.
Miami	do	83	27	81															

Daily Precipitation for September 1929

Stations	Drainage Basin	Day of month																													Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Northern Division</i>																																		
Carrabelle.....	Coast.....																																	10.15
Cedar Keys.....	do.....	.16	.25	.68	.19	.06																											4.76	
Crescent City.....	St. Johns.....	.16	.21	.59	.71	.31	.02																									4.39		
Federal Point.....	do.....	.27	.34	1.59	.71	.31	.02																									8.25		
Fernandina.....	Coast.....	.52	3.50	.53	.05																												10.15	
Gainesville [III]	Lake.....	.22	.42	.25	.45	1.80	.06	.51	.04	.31	.02																				8.86			
Glen St. Mary [III]	St. Marys.....	.80	.12	.98	.07			.13	.11	.42	.26	1.70	.02																		10.00			
Hastings [III]	St. Johns.....	1.52	.56	1.90	.84			.05	.81				.12	.13	.22	.09	.49	.02													8.75			
Hilliard [III]	Nassau.....	3.50	.20			.05			.05																							8.22		
Jacksonville.....	St. Johns.....	.50	1.05	.09	.12	.32	.06	.14	1.01		T.	.01	T.	.03		T.	.07	T.	.14	T.	.01	.38	.12	.04	1.91	T.	.07	.35	.86		8.58			
Jacksonville (2) [III]	do.....																																	
Lake City [III]	Suwanee.....	.18	T.	.19	.49	T.	.22	T.	T.	.06	.42	T.	.14	.08	.06	.31	.05														7.59			
Madison [III]	do.....	T.	T.	.10	.20	.10	.02			.27		T.	.05	.04	.86	.26	.01	.08	.01												4.77			
Monticello [III]	Aucilla.....	.88	.10	.21	.82	.03		.04	.65																						8.82			
Mount Pleasant.....	Apalachicola.....	.35	.33	.11		.80																										8.61		
Palatka [III]	St. Johns.....	10	.96	1.20	.01			.02	.17	.64																					8.50			
Penney Farms.....	do.....	65	3.70	.46																												8.58		
Perry.....	Feuhowloway.....	.30	.74	.30	.39	.04			T.	.07	T.	.09																			6.21			
Quincy.....	Ocloclockonee.....	.29	.40	.11	.09	.07																										9.03		
Raiford.....	Santa Fe.....	1.53	.05			1.25	.40																								8.93			
St. Augustine.....	Coast.....	1.29	.37	1.31	1.18	.10	T.	.21																						7.40				
Starke (near) [III]	St. Johns.....	.12	.91	.14	.46	.02			2.15	T.	.13																				7.40			
Tallahassee [III]	Ocloclockonee.....	.28		.03	.60	.55	.03	T.	.15																					6.03				
<i>Central Division</i>																																		
Bartow [III].....	Peace Creek.....	T.	.46	.11	1.17	2.33	.03	1.23																							12.73			
Brooksville.....	Withlac'che.....	.05	.24			.06	.24	.12																								6.07		
Clermont.....	Lake.....	.05	.22	2.21	3.1	.91	.07	.13																							11.69			
Davenport.....	Withlac'che.....	.14																														9.61		
Daytona Beach.....	Halifax.....	.12																														6.61		
De Land.....	St. Johns.....	.35	.18	9.2	1.00	2.36	.73	.05	.04																					9.13				
Eustis [III].....	Lake.....	.57	.04	1.06	1.00	.35	.09	.10	.13																					7.37				
Fellsmere.....	Sebastian.....	.37	.13			2.00	4.12	.28																						25.15				
Fort Pierce [III]	Indian.....	.08	.44			.14	.42	.01																							6.97			
Inverness.....	Withlac'che.....	.04	.24	1.60	.11	.41	.42	.03																							7.40			
Isteworth [III]	Lake.....	.14				.16	.34	.05	.15																						9.61			
Kissimmee.....	Kissimmee.....	.07	.07																													4.63		
Lake Alfred [III]	Peace Creek.....	.48	.04	1.73	.99	.19	.03	1.01																						12.37				
Lakeeland.....	Peace Creek.....	.29	.09	1.28	.08	1.31	.10																								15.52			
Lake Wales.....	Lake.....	.90	.60			.95	.02	.30																							10.26			
Mammoth Grove.....	do.....	T.	.15																													19.85		
Merritts Island.....	Liaian.....	.09	.56	1.30	.00	.72																									15.87			
New Smyrna [III]	Coast.....	.25	.41	.70	.85	.12																									3.94			
Ocata.....	Ocklawaha.....	2.07	.37	.01		2.18	.02	24	T.																					10.70				
Okeechobee.....	Lake.....	.10	.35			.85																									16.86			
Orlando [III].....	St. Johns.....	.08	.71	0.21	1.16	.27	.28	.10																						11.52				
Pinellas Park.....	Coast.....	1.15																													14.48			
Plant City [III]	Hillsboro.....	.88																													12.49			
St. Cloud.....	Kissimmee.....	.03																													8.37			
St. Leo.....	Withlac'che.....	1.30	.01	.08																											10.78			
St. Petersburg.....	Coast.....	.70	.14	.34	.02																										14.40			
Sanford [III].....	Lake.....	.03	.10	.11	.92	.99	1.80	1.25	.56	.18																			13.07					
Tampa ***	Coast.....	.27	.08	.50	T.	.17	.23	1.17	.21	.19	T.	.26																	13.29					
Tarpon Springs.....	do.....	.54	.09	1.05	.03																									7.56				
Titusville.....	Indian.....	.13	.39	.98	1.14	.58	.06	.21	.10																				16.03					
<i>Southern Division</i>																																		
Arcadia.....	Peace Creek.....	.05	1.68	.93	1.02	1.15	.05	.42	.29	.42																			14.81					
Avon Park.....	Lake.....	.02	.17	.25	2.12	.28	.02																							11.59				
Belle Glade [III]	do.....																														15.93			
Bradenton.....	Manatee.....	1.48	.90	.36	1.10	.05	1.07	.28	92	T.	.14																							

Daily Temperatures for September 1929

Stations	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
<i>Northern Division</i>																																
Cedar Keys	87	88	82	89	90	86	84	87	90	92	93	90	88	90	90	91	89	84	84	81	76	70	82	83	85	86	80	86	88	82	85.8	
Maximum	87	80	70	73	76	72	71	74	70	71	72	73	76	78	75	76	78	72	69	64	63	62	60	70	73	69	71	69	71	72	71	
Crescent City	83	80	80	87	85	85	87	86	87	84	86	84	88	90	89	88	88	87	87	84	75	78	76	74	75	75	76	75	75	75	84.4	
Fernandina	72	73	72	72	73	74	71	73	71	73	73	72	73	75	73	73	73	72	68	68	70	70	75	75	76	75	75	75	75	72.5		
Gainesville §§	85	80	88	89	89	89	87	85	88	89	91	91	92	92	90	92	92	88	80	73	72	75	77	80	84	85	86	84	87	84.7		
Gainesville §§	70	68	69	74	74	73	71	72	74	75	76	75	74	73	71	72	74	71	69	62	65	61	69	70	71	74	72	71	75	71.4		
Glen St. Mary §§	86	90	89	88	88	89	89	89	89	89	91	91	92	92	90	92	92	88	80	79	78	72	77	89	88	92	89	87	84	89	85.4	
Glen St. Mary §§	70	68	70	70	72	72	70	69	69	70	71	72	70	72	70	70	70	69	68	63	62	63	62	68	72	70	70	70	73	69.5		
Hastings §§	81	85	86	89	80	87	90	89	89	89	89	89	89	89	89	89	89	84	84	81	76	70	82	83	86	86	80	86	88	82	85.6	
Hastings §§	68	69	69	70	72	72	70	68	68	69	71	69	71	68	69	69	69	69	69	70	67	66	65	66	65	67	69	70	71	69	74	63.8
Jacksonville	80	82	88	85	84	87	85	84	84	88	89	88	87	88	89	88	88	81	77	72	71	68	74	85	86	83	81	83	82	82.7		
Jacksonville	69	71	73	74	74	75	72	70	76	73	74	74	73	75	74	76	74	71	68	61	63	62	63	73	76	71	72	71	72	71.7		
Lake City	82	87	88	85	87	91	89	91	91	90	91	90	90	91	92	90	91	88	83	83	83	83	83	84	83	83	83	83	83	86.3		
Lake City	71	70	70	71	72	73	70	71	70	71	71	73	69	71	71	70	68	60	61	60	60	60	60	60	60	60	60	60	60	69.6		
Madison	86	89	89	87	85	85	85	85	85	89	92	93	92	93	92	93	92	89	87	77	76	78	77	84	91	91	91	91	91	85.6		
Madison	70	70	70	71	75	75	70	71	71	71	72	70	71	71	72	70	71	71	67	57	58	60	60	60	60	60	60	60	60	69.4		
Monticello §§	81	87	89	87	84	90	86	90	90	90	90	90	90	90	90	90	88	80	76	76	70	72	85	88	83	82	82	82	82	85.1		
Palatka §§	65	70	70	71	72	74	72	70	70	70	71	71	71	72	70	70	66	57	56	59	61	63	71	71	72	69	73	76	71.3			
Palatka §§	87	90	88	92	90	88	92	88	90	90	89	91	91	93	92	92	91	86	81	75	76	73	83	91	91	91	92	86	87.8			
Quincy	81	85	86	86	83	88	87	91	89	91	91	90	85	90	90	90	87	86	80	77	76	75	82	80	86	81	85	88	84.7			
St. Augustine	81	83	85	87	80	88	87	88	88	88	88	88	89	89	88	88	85	78	77	75	73	78	78	85	88	85	85	85	85.5			
Tallahassee §§	82	90	88	89	84	93	88	91	90	91	91	91	85	92	91	92	89	81	76	76	72	72	82	82	82	84	84	84	84	84.4		
Tallahassee §§	67	68	68	70	71	71	70	68	68	68	68	69	70	70	67	69	63	65	55	55	58	59	67	70	70	68	70	72	71	64		
<i>Central Division</i>																																
Bartow §§	88	88	87	91	87	89	89	89	87	86	88	92	92	94	93	91	94	91	89	82	80	81	88	90	91	91	89	85	81	88	83.3	
Minimum	73	72	74	72	70	71	72	72	69	71	73	71	71	73	74	75	73	72	71	70	71	71	73	74	75	74	74	72	72	72	72	
Brooksville	87	91	90	92	90	89	93	90	93	92	94	96	93	96	97	95	94	88	90	85	81	77	81	93	95	88	83	91	90.4			
De Land	86	88	88	93	89	87	91	89	90	86	88	89	93	93	93	91	91	84	79	79	78	89	91	91	90	90	87	83	88.1			
Eustis §§	87	90	91	90	93	93	92	90	92	98	91	94	94	95	94	96	89	85	80	79	78	87	91	92	90	92	87	80	89	89.1		
Fort Pierce §§	88	89	90	93	87	88	87	87	88	86	88	90	91	91	91	91	91	89	84	84	84	86	86	86	89	84	84	84	84	87.8		
Minimum	77	74	75	74	73	73	77	74	75	73	72	76	73	73	74	73	72	76	74	71	72	72	71	74	74	75	74	75	75	75.6		
Gainesville §§	86	92	91	91	86	90	90	90	90	90	90	90	90	90	90	90	90	87	87	87	87	87	87	87	87	87	87	87	87	87.8		
Kissimmee §§	89	87	86	86	86	87	87	87	87	87	81	86	88	87	89	90	89	89	89	89	79	82	84	89	85	84	84	84	84	84.1		
Lakeland	72	73	71	73	71	73	70	70	71	72	72	70	73	73	72	73	73	71	71	71	71	71	71	71	71	71	71	71	71	71	71.0	
Merritts Island	89	88	89	90	86	88	87	87	88	86	88	89	88	89	88	89	88	89	89	89	89	89	89	89	89	89	89	89	89	89	87.8	
Ocala	85	90	90	90	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88.9	
Okeechobee	90	91	90	88	87	89	89	89	88	88	88	88	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	87.8	
Orlando §§	88	89	91	91	92	92	88	88	85	90	93	97	96	97	94	95	94	94	91	76	72	78	82	88	94	95	93	86	82	90.0		
Minimum	72	72	72	72	72	72	72	72	70	71	71	72	73	73	72	72	72	72	71	72	72	72	72	72	72	72	72	72	72	72		
Plant City §§	88	88	88	89	87	89	89	89	88	88	89	88	89	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88.2		
St. Leo	86	88	88	90	87	89	89	89	88	88	87	87	89	90	91	91	91	88	85	85	85	85	85	85	85	85	85	85	85	89.0		
Sanford §§	89	88	89	92	90	85	89	88	85	85	85	85	85	85	85	85	85	85	84	84	84	84	84	84	84	84	84	84	84	84.1		
Minimum	74	72	72	72	72	72	72	72	70	71	71	72	72	72	72	72	72	72	74	74	74	74	74	74	74	74	74	74	74	74.1		
Tampa	87	89	89	87	88	89	90	88	89	89	90	90	90	90	90	90	90	88	86	86	84	84	84	84	84	84	84	84	84	84.0		
Minimum	71	73	73	73	75	72	72	71	72	73	74	74	75	74	75	74	75	74	74	72	72	72	72	72	72	72	72	72	72	73.0		
Tarpon Springs	88	92	93	90	88	91	92	90	92	90	91	91	92	92	9																	